

IN THE CLAIMS:

Please **AMEND** claims 5, 7 and 12, and **ADD** claims 17-24, as follows:

1. (ORIGINAL) A recording and/or reproducing apparatus to record and/or reproduce data with respect to an information storage medium having disc information including first disc information and second disc information, the apparatus comprising:

an optical pickup to transfer data with respect to the information storage medium; and
a controller which controls the optical pickup to detect the first and second disc information, to determine which of the first and second disc information corresponds to a disc information usable by the apparatus, and to control the optical pickup to transfer the data with respect to the information storage medium according to the determined one of the first and second disc information.

2. (ORIGINAL) The recording and/or reproducing apparatus of claim 1, wherein the first and second disc information are different with respect to one of a disc version number and recording-related information.

3. (ORIGINAL) The recording and/or reproducing apparatus of claim 2, wherein the difference in the recording-related information is with respect to one of a recording speed and a recording waveform.

4. (ORIGINAL) The recording and/or reproducing apparatus of claim 3, wherein the first and second disc information are the same with respect to the disc version number.

5. (CURRENTLY AMENDED) The recording and/or reproducing apparatus of claim 3, wherein:

the first disc information includes first byte information on a number of bytes to be reproduced by the drive to read the recording-related information of the first disc information,

the second disc information includes second byte information on a number of bytes to be reproduced by the drive to read the recording-related information of the second disc information,
and

the first and second byte information indicate different numbers of bytes.

6. (ORIGINAL) The recording and/or reproducing apparatus of claim 1, wherein the first disc information conveys a first disc version number and the second disc information conveys a second disc version number, and the apparatus is usable to transfer the data according to the first disc version number but is not usable to transfer the data according to the second disc version number.

7. (CURRENTLY AMENDED) A method of transferring data with respect to an information storage medium according to detected disc information read from the information storage medium, comprising:

detecting from the information storage medium first and second disc information, the first disc information conveying different information from the second disc information;

determining which of the first and second disc information is usable by a drive which is to transfer the data with respect to the information storage medium; and

transferring the data between the drive and the information storage medium according to the determined one of the first and second disc information.

8. (ORIGINAL) The method of claim 7, wherein the first disc information conveys a first disc version number and the second disc information conveys a second disc version number, and the drive is usable to transfer the data according to the first disc version number but is not usable to transfer the data according to the second disc version number.

9. (ORIGINAL) The method of claim 7, wherein the first disc information conveys a first recording-related information and the second disc information conveys a second recording-related information, and the drive is usable to record the data according to the first recording-related information but is not useable to record the data according to the second recording-related information.

10. (ORIGINAL) The method of claim 7, wherein the first disc information indicates a first recording speed, and the second disc information indicates a second recording speed other than the first recording speed.

11. (ORIGINAL) The method of claim 7, wherein the first disc information indicates a first recording waveform, and the second disc information indicates a second recording waveform other than the first recording waveform.

12. (CURRENTLY AMENDED) A computer readable medium encoded with instructions for a implementing the method of claim 7 using a computer recording/reproducing data with respect to an information storage medium according to detected disc information read from the information storage medium and interpreted by a computer, the method comprising:

~~detecting from the information storage medium first and second disc information, the first disc information conveying different information with respect to one of a disc version number and recording-related information;~~

~~determining which of the first and second disc information is usable by a drive which is to transfer data with respect to the information storage medium; and~~

~~transferring the data between the drive and the information storage medium according to the determined one of the first and second disc information.~~

13. (ORIGINAL) The computer readable medium of claim 12, wherein the first disc information conveys a first disc version number and the second disc information conveys a second disc version number, and the drive is usable to transfer the data according to the first disc version number but is not usable according to transfer the data according the second disc version number.

14. (ORIGINAL) The computer readable medium of claim 12, wherein the first disc information conveys a first recording-related information and the second disc information conveys a second recording-related information, and the drive is usable to record the data according to the first recording-related information but is not according to usable to record the data according to the second recording-related information.

15. (ORIGINAL) The computer readable medium of claim 12, wherein the first disc information indicates a first recording speed, and the second disc information indicates a second recording speed other than the first recording speed.

16. (ORIGINAL) The computer readable medium of claim 12, wherein the first disc information indicates a first recording waveform, and the second disc information indicates a second recording waveform other than the first recording waveform.

17. (NEW) A method of transferring control information with respect to an information storage medium for recording and/or reproducing data with respect to the information storage medium, the method comprising:

recording/reproducing existing control information with respect to a lead-in area of the information storage medium, the existing control information including existing version number information, existing recording pattern information, existing recording speed information, and existing reproduction power information; and

recording/reproducing updated control information with respect to the lead-in area of the information storage medium, the updated control information including updated version number information, updated recording pattern information, updated recording speed information, and updated reproduction power information,

wherein a corresponding type of recording and/or reproducing apparatus selects between the existing and updated control information to perform recording and/or reproducing of the data with respect to the information storage medium.

18. (NEW) The method of claim 17, wherein:

the existing version number information conveys a first disc version number,

the updated version number information conveys a second disc version number,

if the recording and/or reproducing apparatus is of a first type, the recording and/or reproducing apparatus transfers the data according to the first disc version number, and

if the recording and/or reproducing apparatus is of a second type, the recording and/or reproducing apparatus transfers the data according to the second disc version number.

19. (NEW) The method of claim 17, wherein:

the existing control information conveys first recording-related information including the existing recording pattern information and/or the existing recording speed information,

the updated disc information conveys second recording-related information including the updated recording pattern information and/or the updated recording speed information,

if the recording and/or reproducing apparatus is of a first type, the recording and/or reproducing apparatus records the data according to the first recording-related information, and

if the recording and/or reproducing apparatus is of a second type, the recording and/or reproducing apparatus records the data according to the second recording-related information.

20. (NEW) The method of claim 17, wherein the existing recording speed information indicates a first recording speed, and the second recording speed information indicates a second recording speed other than the first recording speed.

21. (NEW) The method of claim 17, wherein the existing recording pattern information indicates a first recording waveform, and the updated recording pattern information indicates a second recording waveform other than the first recording waveform.

22. (NEW) The method of claim 17, wherein the updated control information is recorded in a successive manner with respect to the existing control information.

23. (NEW) The method of claim 17, wherein:
a portion of the lead-in area consists of N bytes to store the existing control information,
and
a portion of the lead-in area consists of M bytes to store the updated control information,
where M is not equal to N.

24. (NEW) The method of claim 17, wherein:
the existing and updated version number information indicate the same disc version number; and
the existing recording pattern information is different from the updated recording pattern information,
the existing recording speed information is different from the updated recording speed information, and/or
the existing reproduction power information is different from the updated reproduction power information.